

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/536,685 A
Source: IFWP
Date Processed by STIC: 08/02/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/02/2006

PATENT APPLICATION: US/10/536,685A

TIME: 08:58:27

Input Set : A:\03528.0147.PCUS00 amended Sequence_Listing.TXT

Output Set: N:\CRF4\08022006\J536685A.raw

4 <110> APPLICANT: HECKL, Stefan
 5 BRAUN, Klaus
 6 PIPKORN, Ruediger
 7 WALDECK, Waldemar
 9 <120> TITLE OF INVENTION: Peptide Conjugate Useful For Cell Nucleus Molecular Imaging
 and Tumor
 10 Therapy
 12 <130> FILE REFERENCE: 03528.0147.PCUS00
 14 <140> CURRENT APPLICATION NUMBER: 10/536,685A
 C--> 15 <141> CURRENT FILING DATE: 2005-05-27
 17 <150> PRIOR APPLICATION NUMBER: PCT/EP03/13413
 18 <151> PRIOR FILING DATE: 2003-11-28
 20 <150> PRIOR APPLICATION NUMBER: EP 02026700.1
 21 <151> PRIOR FILING DATE: 2002-11-29
 23 <160> NUMBER OF SEQ ID NOS: 18
 25 <170> SOFTWARE: PatentIn version 3.2
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 16
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Artificial
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: chemically synthesized
 35 <400> SEQUENCE: 1
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 38 1 5 10 15
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 8
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Artificial
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: chemically synthesized
 49 <400> SEQUENCE: 2
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 52 1 5
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 7
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: chemically synthesized
 63 <400> SEQUENCE: 3
 65 Pro Lys Lys Lys Arg Lys Val
 66 1 5
 69 <210> SEQ ID NO: 4

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70 <211> LENGTH: 6
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: chemically synthesized
77 <400> SEQUENCE: 4
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80 1 5
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 7
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial
88 <220> FEATURE:
89 <223> OTHER INFORMATION: chemically synthesized
91 <400> SEQUENCE: 5
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97 <210> SEQ ID NO: 6
98 <211> LENGTH: 10
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial
102 <220> FEATURE:
103 <223> OTHER INFORMATION: chemically synthesized
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107 Val Gln Arg Lys Arg Gln Lys Leu Met Pro
108 1 5 10
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 8
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial
116 <220> FEATURE:
117 <223> OTHER INFORMATION: chemically synthesized
119 <400> SEQUENCE: 7
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122 1 5
125 <210> SEQ ID NO: 8
126 <211> LENGTH: 8
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial
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131 <223> OTHER INFORMATION: chemically synthesized
133 <400> SEQUENCE: 8
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136 1 5
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 11
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial
144 <220> FEATURE:

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145 <223> OTHER INFORMATION: chemically synthesized
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 156 <213> ORGANISM: Artificial
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 159 <223> OTHER INFORMATION: chemically synthesized
 161 <400> SEQUENCE: 10
 163 Glu Arg Lys Lys Arg Arg Arg Glu
 164 1 5
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 169 <212> TYPE: PRT
 170 <213> ORGANISM: Artificial
 172 <220> FEATURE:
 173 <223> OTHER INFORMATION: chemically synthesized
 175 <400> SEQUENCE: 11
 177 Phe Lys Lys Phe Arg Lys Phe
 178 1 5
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 182 <211> LENGTH: 16
 183 <212> TYPE: PRT
 184 <213> ORGANISM: Antennapedia peptide fragment
 186 <220> FEATURE:
 189 <400> SEQUENCE: 12
 191 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
 192 1 5 10 15
 195 <210> SEQ ID NO: 13
 196 <211> LENGTH: 51
 197 <212> TYPE: PRT
 198 <213> ORGANISM: Human
 200 <220> FEATURE:
 203 <400> SEQUENCE: 13
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 206 1 5 10 15
 209 Arg Arg Val Glu Ile Ala Ala Thr Leu Glu Leu Asn Glu Thr Gln Val
 210 20 25 30
 213 Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Gln Lys Lys Arg Glu Arg
 214 35 40 45
 217 Glu Gly Gly
 218 50
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 222 <211> LENGTH: 17
 223 <212> TYPE: PRT
 224 <213> ORGANISM: Artificial
 226 <220> FEATURE:

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227 <223> OTHER INFORMATION: chemically synthesized
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 235 Cys
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 241 <212> TYPE: PRT
 242 <213> ORGANISM: Artificial
 244 <220> FEATURE:
 245 <223> OTHER INFORMATION: chemically synthesized
 247 <400> SEQUENCE: 15
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 250 1 5
 253 <210> SEQ ID NO: 16
 254 <211> LENGTH: 15
 255 <212> TYPE: PRT
 256 <213> ORGANISM: Artificial
 258 <220> FEATURE:
 259 <223> OTHER INFORMATION: chemically synthesized
 261 <400> SEQUENCE: 16
 263 Lys Met Thr Arg Gln Thr Trp Trp His Arg Ile Lys His Lys Cys
 264 1 5 10 15
 267 <210> SEQ ID NO: 17
 268 <211> LENGTH: 16
 269 <212> TYPE: PRT
 270 <213> ORGANISM: Artificial
 272 <220> FEATURE:
 273 <223> OTHER INFORMATION: chemically synthesized
 275 <400> SEQUENCE: 17
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 278 1 5 10 15
 281 <210> SEQ ID NO: 18
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 283 <212> TYPE: PRT
 284 <213> ORGANISM: Artificial
 286 <220> FEATURE:
 287 <223> OTHER INFORMATION: chemically synthesized
 289 <400> SEQUENCE: 18
 291 Pro Lys Gln Lys Arg Lys Leu Val
 292 1 5

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,14,15,16,17,18

VERIFICATION SUMMARY

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date